

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gaeta, Alexander, et al  
 Serial No: TBA  
 Filed: Herewith  
 For: Photonic Band Gap Optical Fiber

Examiner: TBD  
 Group Art Unit: TBD

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 – 1.98**

Commissioner of Patents  
 Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,

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**CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10:**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is Addressed to Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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 Date

Signature: *Svetlana Sh*  
 Svetlana Z. Short

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FORM PTO-1449 (MODIFIED)		ATTORNEY DOCKET NO. SP03-046	SERIAL NO. TBA
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT		APPLICANT: Gaeta, Alexander, et al.	
		FILING DATE    Herewith	GROUP: TBD

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date if Approp.
	AA	US6,260,388	7/17/01	Borrelli et al	65	393	
	AB	US6,444,133	9/3/02	Fajardo et al	216	24	
	AC	US2003/0231846	12/18/03	Fajardo et al	385	125	
	AD	US 2003/0230118	12/18/03	Dawes et al	65	377	
	AE						

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation Yes No
	AL						
	AM						

#### OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Authors: Steven G. Johnson and John D. Joannopoulos; Optical Express entitled "Block-iterative frequency-domain methods for Maxwell's equations in a planewave basis"; 8(3), 173-190, 2001
	AS	Authors Smith, Charlene, et al; Low-loss hollow-core silica-air photonic band-gap fiber; 2002 Optical Society of America
	AT	Authors: Thomas P. Hansen, et al.; Air-guidance over 345m large-core photonic bandgap fiber; 2003 Optical Society of America
	AU	Authors: Dirk Muller, et al; Dispersion and nonlinear propagation in air-core photonic band-gap fibers; 2000 Optical Society of America
	AV	Authors: Dirk Muller et al.; Measurement of Photonic Band-gap Fiber Transmission from 1.0 to 3.0 um and impact of surface mode coupling; 2002 Optical Society of America
	AW	Authors: K. Tajima, et al.; Ultra low loss and long length photonic crystal fiber; 2003 Optical Society of America
	AX	Authors: K. P. Hansen et al.; Fully Dispersion Controlled Triangular-Core Nonlinear Photonic Crystal Fiber; 2003 Optical Society of America
	AY	Authors: D. Ouzounov et al; Dispersion measurements of microstructured fibers using femtosecond laser pulses; Optics Communications 192 (2001), 219-223
	AX	US Serial #10/298,374, filed 11/18/02; Methods for Manufacturing Microstructured Optical Fibers with Arbitrary Core Size

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.